

Monday, August 29, 2016 3:03:08 PM

150699

Page 1

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Pedal Assembly

Start Date: 8/22/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 8/29/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: DAS
21 Date: AUG 30 2016 Tooling: _____ Date: _____
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

Work Order ID 150699

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150699

Page 2

Item ID: D412-704-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Pedal Assembly

Start Date: 8/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/29/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC4- 100% Inspect kits for completeness	0.00				/			
130							DAS		NOV 03 2016
QC	Memo	0.00					26		
Quality Control							9-89		
140	Identify as per dwg & Stock Location: 51229B	0.00							
140							DAS		
Packaging	Memo	0.00					6		16-11-03
Packaging							9-89		
150	QC21- Final Inspection - Work Order Release	0.00							
150							DAS		NOV 07 2016
QC	Memo	0.02					21		
Quality Control							9-89		VS 16/11/4
							DAS		
							21		
							9-89		

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WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:B05.01.28Removed hardware on Step 2; Added Figures 1-3KJ/RF
IPP Rev:C06.03.08 Re-format EC
IPP Rev:D 07-03-20 Added Dwg D412-704-041 07-03-20 JLM
IPP Rev:E 07.05.02 Reformat EC
IPP Rev:F 08-10-08 as per revB DD veriified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3-10A		Purchased	No			100	Each	167.0000	1	1			
AN3-10A									**	<u>135530</u>		<u>NOV 07 2016</u>	DAS 6 9-89
Bolt													

Location	Loc Qty	Loc Code
GA	2	
m132763	1	
m134573	1	
over003	100	
m134943	100	
ST349	65	
m134249	56	
m134754	6	
m135135	3	

AN315-4R		Purchased	No			100	Each	100.0000	1	1			
AN315-4R									**			<u>NOV 07 2016</u>	DAS 6 9-89
Nut													

Location	Loc Qty	Loc Code
ST331	100	
M128978	100	

AN3-6A		Purchased	No			120	Each	207.0000	2	2			
AN3-6A									**			<u>NOV 07 2016</u>	DAS 6 9-89
Bolt													

Location	Loc Qty	Loc Code
ST349	207	
M134955	207	

DAS 6 9-89

DQA: _____ Date: _____



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OTHER :																					

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Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-10A Purchased No

100 Each 114.0000 1 1

AN4-10A

Bolt

NOV 02 2016

DAS
6
9-89

Location	Loc Qty	Loc Code
over003	109	
M134762	109	
ST345	5	
131677	5	

AN4-12A Purchased No

100 Each 78.0000 2 2

AN4-12A

Bolt

NOV 02 2016

DAS
6
9-89

Location	Loc Qty	Loc Code
FG	10	
120423	10	
ST344	68	
m131957	4	
m134606	64	

AN4-13A Purchased No

100 Each 1,134.000 1 1

AN4-13A

Bolt

NOV 02 2016

DAS
6
9-89

Location	Loc Qty	Loc Code
FG	20	
122808	20	
GA	19	
m134634	19	
over003	539	
m134943	39	
m135470	500	
ST343	556	
m134852	36	
m135390	20	
m135464	500	

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Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

D3204-041 Manufactured No

100 Each 0.0000 1 1

D3204-041

Release Pedal Assembly

B147568 @ **

16/11/02 DAS 36 9-89

D3205-1 Manufactured No

100 Each 6.0000 1 1

D3205-1

Pedal Bracket

**

16/11/02 DAS 36 9-89

Location

Loc Qty

Loc Code

GA 144771

6 6

1

D3205-3 Manufactured No

100 Each 13.0000 1 1

D3205-3

Back Plate

**

16/11/02 DAS 36 9-89

Location

Loc Qty

Loc Code

GA 142884 147613

13 1 12

1

D3206-1 Manufactured No

100 Each 13.0000 1 1

D3206-1

Pedal Arm

**

16/11/02 DAS 36 9-89

Location

Loc Qty

Loc Code

GA 142663 145424

13 1 12

1

D3209-041 Manufactured No

100 Each 13.0000 1 1

D3209-041

Bracket Assembly

**

16/11/02 DAS 36 9-89

Location

Loc Qty

Loc Code

GA 144743 147915

13 3 10

1

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Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																																																																		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																																																																		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																																																																					
Misidentified ☐	Past Due ☐																																																																						

Picklist Print

Monday, August 29, 2016 3:03:07 PM

Page 4

Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

D4610-5 Manufactured No

100 Each 9.0000 1 1

D4610-5

Shim

NOV 02 2016

DAS
6
9-89

Location Loc Qty Loc Code

ST112 9

142240 9

MS21042L3 Purchased No

100 Each 1,509.000 1 1

MS21042L3

Nut

NOV 02 2016

S
DAS
6
9-89

Location Loc Qty Loc Code

FP001 14

m133790 14

GA 323

m134360 112

m135135 211

ST303 1172

m135135 572

m135407 600

MS21042L3 Purchased No

120 Each 1,509.000 2 2

MS21042L3

Nut

NOV 03 2016

DAS
6
9-89

Location Loc Qty Loc Code

FP001 14

m133790 14

GA 323

m134360 112

m135135 211

ST303 1172

m135135 572

m135407 600

DAS
26
9-89

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Shop Packet Print

Page 4

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
							Completed By																		
							Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause				FAULT CATEGORY																					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																	
OTHER : _____																									

Picklist Print

Monday, August 29, 2016 3:03:08 PM

Page 5

Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

100

Each

2,081.000

5

5

MS21042L4

Nut

**

135704

DAS
6
9-89

NOV 02 2016

Location

Loc Qty

Loc Code

FP001

51

m133363

51

GA

424

m133769

116

m135058

308

ST3003

25

m134955

25

ST303

1581

m133769

12

m134055

24

m135297

545

m135470

1000

MS24694-S102

Purchased

No

100

Each

81.0000

1

1

MS24694-S102

Screw

**

NOV 02 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST283

81

124814

41

m128976

40

MS9519-10

Purchased

No

100

Each

23.0000

1

1

MS9519-10

Bolt

**

NOV 02 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

8

m133790

8

ST267

15

m129198

1

m135056

14

Monday, August 29, 2016 3:03:08 PM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. 2A1 2		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : 30.11		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
2A1								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____																			

Picklist Print

Monday, August 29, 2016 3:03:08 PM

Page 6

Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

120

Each

1,104.000

4

4

NAS1149D0332.J

Washer

**

135672

NOV 03 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

520

m134848

520

GA

447

m135046

447

ST264

131

m135046

131

NAS1149D0363J

Purchased

No

100

Each

1,425.000

5

5

NAS1149D0363.J

Washer

**

135864

NOV 02 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

352

m134055

352

ST263

1073

m134955

73

m135297

1000

NAS1149D0416J

Purchased

No

100

Each

3,777.000

3

3

NAS1149D0416.J

WASHER

**

NOV 02 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

81

m131511

81

ST260a

1976

m131511

1976

ST264

1720

m131511

1720

Monday, August 29, 2016 3:03:08 PM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Monday, August 29, 2016 3:03:08 PM

Page 7

Work Order ID: 150699

150699

Parent Item: D412-704-041

D412-704-041

Parent Item Name: Pedal Assembly

Start Date: 8/22/2016

Required Date: 8/29/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

100

Each

2,326.000

14

14

NAS1149D0463.J

Washer

135671

NOV 02 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

240

M132035

15

M134508

32

M135056

193

ST260a

1000

M135407

1000

ST263

1074

M134039

24

M135390

1050

ST2663

12

M134039

12

DQA: _____ Date: _____



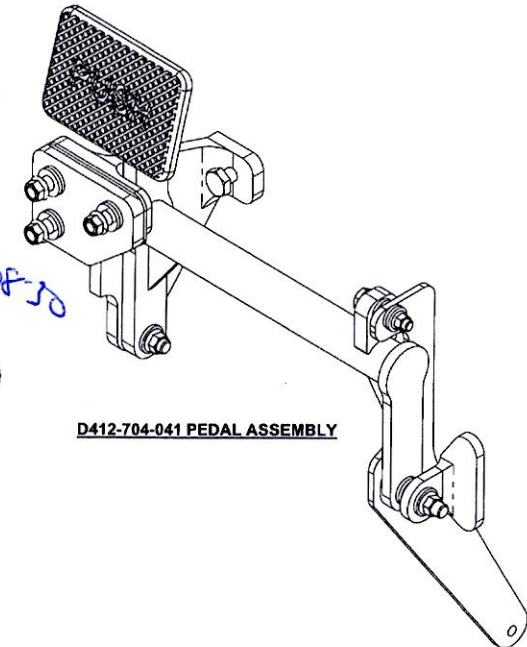
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

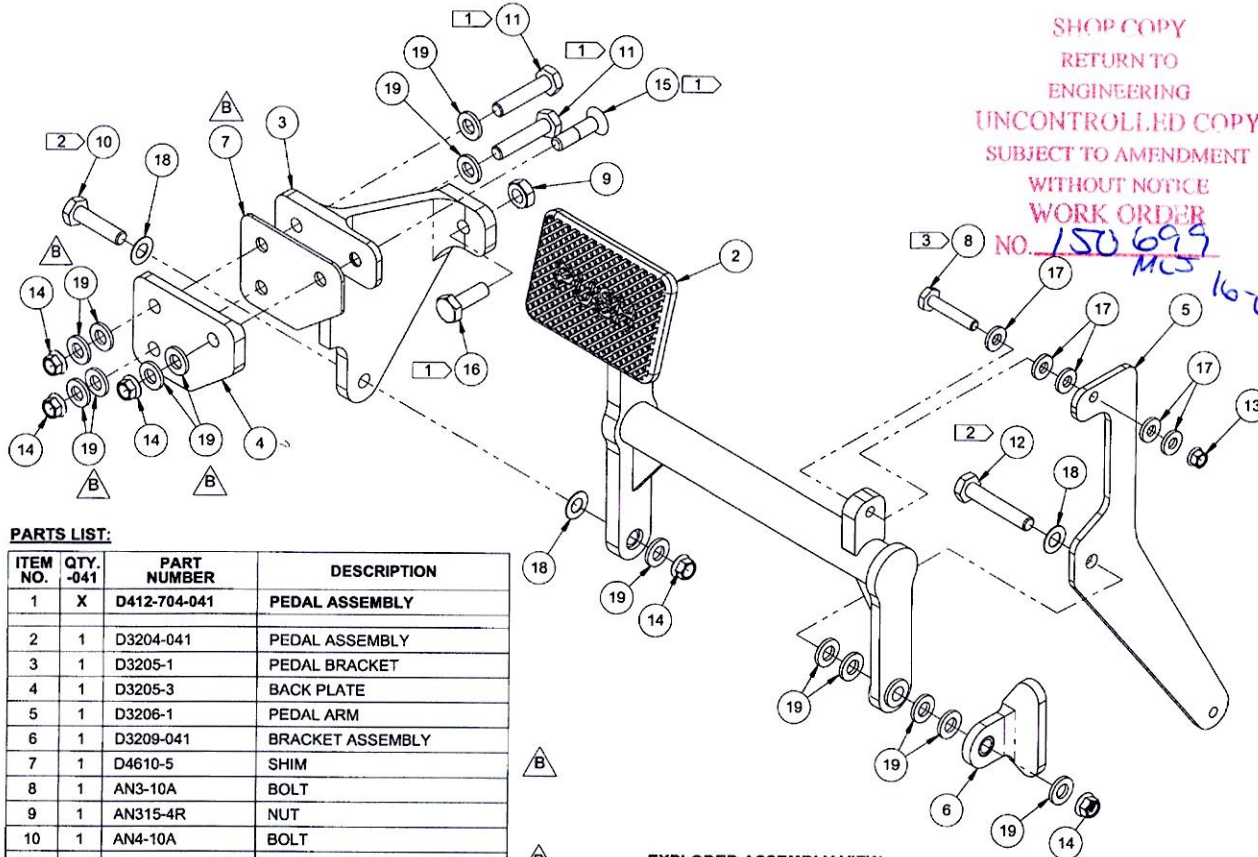
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause				FAULT CATEGORY																					
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐		Power Loss/Surge ☐		Positioned Wrong ☐															
Design ☐		Operator ☐		Bending ☐		Set-up ☐		Folio/Program ☐		Outside Dimensions ☐															
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐		Grain ☐		Over/Under tolerance ☐															
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐		Weld ☐		Part Incorrect ☐															
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐		Wrong Stock Pulled ☐		Part Lost/Missing ☐															
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐		Out of Sequence ☐		Part Moved ☐															
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐		Off-set ☐		Drawing ☐															
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐		Mislabeled ☐		Finish ☐															
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐		Fit/Function ☐		Misread ☐															
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐		Misaligned/off center ☐		Turning Sequence ☐															
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____																					
Misidentified ☐		Past Due ☐																							

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 150699
MCS
16-08-50



D412-704-041 PEDAL ASSEMBLY



PARTS LIST:

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	X	D412-704-041	PEDAL ASSEMBLY
2	1	D3204-041	PEDAL ASSEMBLY
3	1	D3205-1	PEDAL BRACKET
4	1	D3205-3	BACK PLATE
5	1	D3206-1	PEDAL ARM
6	1	D3209-041	BRACKET ASSEMBLY
7	1	D4610-5	SHIM
8	1	AN3-10A	BOLT
9	1	AN315-4R	NUT
10	1	AN4-10A	BOLT
11	2	AN4-11A	BOLT
12	1	AN4-13A	BOLT
13	1	MS21042L3	NUT (OR MS21042-3)
14	5	MS21042L4	NUT (OR MS21042-4)
15	1	MS24694-S102	SCREW
16	1	MS9519-10	BOLT
17	5	NAS1149D0363J	WASHER (OR AN960JD10)
18	3	NAS1149D0416J	WASHER (OR AN960JD416L)
19	14	NAS1149D0463J	WASHER (OR AN960JD416)
N/A *	2	AN3-6A	BOLT
N/A *	4	NAS1149D0332J	WASHER (OR AN960JD10L)
N/A *	2	MS21042L3	NUT (OR MS21042-3)

EXPLODED ASSEMBLY VIEW

NOTES:

- 1) INSTALL IDENTIFIED FASTENERS LOOSE (HAND TIGHTEN ONLY).
- 2) TIGHTEN IDENTIFIED FASTENERS UNTIL SNUG. ENSURE THAT PARTS CAN STILL ROTATE.
- 3) TORQUE IDENTIFIED FASTENERS TO 15-25 in-lbs (1.7-2.8 N-m).

* SHIPPED LOOSE WITH -041 KIT (NOT PRE-ASSEMBLED AT DART)

RELEASED
2012-03-21
PER ECN 12-545

B	ADD D4610-5 (ZN D8-1); ADD WASHER (ZN A6-1, B6-1, C8-1, D8-1); AN4-11A WAS AN4-12A (ZN B6-1)	RF	12.02.24
A	NEW ISSUE	CB	07.01.23
REV.	DESCRIPTION	BY	DATE
DESIGN	CB		
DRAWN	RF		
CHECKED	ED		
MFG-APPR.	ED		
APPROVED			
DATE	12.02.24		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D412-704-041 PEDAL ASSEMBLY REV. B SHEET 1 OF 1 SCALE COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			